

## EAST Search History

| Ref # | Hits  | Search Query                                      | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| L1    | 14    | "5228058"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/10/13 16:48 |
| S1    | 0     | (monitor and change) adj1 tap<br>adj1 coefficient | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/06/15 08:40 |
| S2    | 1     | (monitor and change) adj1 tap                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/06/15 08:40 |
| S3    | 0     | equalizer with (monitor and<br>change) adj1 tap   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/06/15 08:40 |
| S4    | 0     | equalizer and (monitor and<br>change) adj1 tap    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/06/15 08:40 |
| S5    | 28725 | equalizer   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/06/15 08:40 |
| S6    | 4717  | equalizer and tap                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/06/15 08:41 |
| S7    | 3     | equalizer and tap adj1 monitor                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/06/15 08:43 |
| S8    | 0     | equalizer and tap adj1 (monitor<br>and change)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/06/15 08:41 |

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|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S9  | 0   | waveform adj1 equalizer and tap adj1 monitor                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/15 08:43 |
| S10 | 984 | waveform adj1 equalizer  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/15 08:43 |
| S11 | 125 | waveform adj1 equalizer with tap\$1                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/15 08:43 |
| S12 | 0   | waveform adj1 equalizer with tap\$1 adj1 monitor                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/15 08:44 |
| S13 | 0   | waveform adj1 equalizer with tap\$1 and preselect adj1 step      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/15 08:44 |
| S14 | 0   | waveform adj1 equalizer with tap\$1 and preselect                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/15 08:45 |
| S15 | 75  | waveform adj1 equalizer with tap\$1 and control                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/15 08:59 |
| S16 | 0   | waveform adj1 equalizer with swithes and weight\$3 and control   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/15 09:00 |
| S17 | 0   | waveform adj1 equalizer with (swithes and weight\$3) and control | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/15 09:00 |
| S18 | 20  | waveform adj1 equalizer with switches                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/15 09:24 |

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|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S19 | 33   | waveform adj1 equalizer with weight\$3                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/15 09:40 |
| S20 | 0    | waveform adj1 equalizer with weight\$3 adj1 control         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/15 09:40 |
| S21 | 0    | waveform adj1 equalizer with weight\$3 adj1 control\$3      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/15 09:41 |
| S22 | 9    | waveform adj1 equalizer with weight\$3 adj1 coefficient\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/15 09:42 |
| S23 | 10   | waveform adj1 equalizer with coefficient\$1 adj1 control    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/15 09:43 |
| S24 | 16   | waveform adj1 equalizer with coefficient\$1 adj1 control\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/15 09:43 |
| S25 | 1972 | 375/232   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/13 11:31 |
| S26 | 0    | wvaeform adj1 equalizer                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/14 15:19 |
| S27 | 984  | waveform adj1 equalizer                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:18 |
| S28 | 91   | waveform adj1 equalizer with tap                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/14 15:30 |

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|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S29 | 1    | waveform adj1 equalizer with tap adj1 control\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/14 15:35 |
| S30 | 1    | waveform adj1 equalizer with tap adj1 (control\$3 or monitor\$3)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/14 15:37 |
| S31 | 229  | waveform adj1 equalizer with (control\$3 or monitor\$3)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/14 15:37 |
| S32 | 125  | waveform adj1 equalizer with (control\$3 or monitor\$3)and filter\$1                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/14 15:38 |
| S33 | 71   | waveform adj1 equalizer with (control\$3 or monitor\$3)and filter\$1 and tap\$1          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/14 16:15 |
| S34 | 3    | waveform adj1 equalizer with (tap adj1 control\$3 or monitor\$3)and filter\$1 and tap\$1 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/14 16:17 |
| S35 | 1566 | 375/229  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/14 16:16 |
| S36 | 9    | waveform adj1 equalizer with (tap adj1 control\$3 or monitor\$3)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/14 16:17 |
| S37 | 0    | "5999349" and multipath  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/28 11:30 |
| S38 | 2    | "5999349" and fad\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/28 11:30 |

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|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S39 | 7    | "5999349" and path   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/28 11:30 |
| S40 | 2    | "20010004384" and restart\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 14:25 |
| S41 | 1944 | waveform adj1 equaliz\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 11:06 |
| S42 | 404  | control\$3 with (waveform adj1 equaliz\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 11:06 |
| S43 | 410  | (control\$3 or monitor\$3) with (waveform adj1 equaliz\$3)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 11:07 |
| S44 | 46   | (control\$3 or monitor\$3) with (waveform adj1 equaliz\$3) with switch\$3                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 11:14 |
| S45 | 0    | (control\$3 or monitor\$3) with (waveform adj1 equaliz\$3) with switch\$3 and restat\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 11:14 |
| S46 | 2    | (control\$3 or monitor\$3) with (waveform adj1 equaliz\$3) with switch\$3 and restart\$3 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 11:14 |
| S47 | 3    | (waveform adj1 equaliz\$3) with switch\$3 and restart\$3                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:10 |
| S48 | 279  | (equaliz\$3) with switch\$3 and restart\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:10 |

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|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S49 | 10    | (equaliz\$3) with switch\$3 with restart\$3         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:12 |
| S50 | 4242  | takanashi.in.                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:13 |
| S51 | 25220 | akiyama.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:12 |
| S52 | 0     | (kazushi adj1 takanashi).in.                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:13 |
| S53 | 0     | (kazushi-takanashi).in.                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:13 |
| S54 | 6816  | (kazushi).in.                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:13 |
| S55 | 0     | takanashi.in. with equaliz\$3                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:13 |
| S56 | 37    | takanashi.in. and equaliz\$3                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:16 |
| S57 | 12726 | filter\$1 with equaliz\$3                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:16 |
| S58 | 79    | filter\$1 with equaliz\$3 with delay with switch\$3 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:16 |

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|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S59 | 5    | filter\$1 with equaliz\$3 with delay with switch\$3 with (contrl\$3 or monitor\$3 or updat\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:17 |
| S60 | 1944 | (waveform adj1 equaliz\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:18 |
| S61 | 143  | (waveform adj1 equaliz\$3) with switch\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:19 |
| S62 | 41   | "4348699"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/08 09:35 |
| S63 | 26   | "4617599"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/08 13:52 |
| S64 | 1805 | equaliz\$4 with (impulse adj1 response)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/08 13:52 |
| S65 | 1473 | equalizer with (impulse adj1 response)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/08 13:53 |
| S66 | 2    | "20030043935"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/08 14:02 |
| S67 | 17   | "5517213"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/20 13:07 |
| S68 | 1734 | 375/229  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 08:57 |

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|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S69 | 829  | 375/229 and (impulse adj1 response)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 09:34 |
| S70 | 480  | 375/229 and (impulse adj1 response)and tap                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 08:58 |
| S71 | 0    | 375/229 with (impulse adj1 response)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 08:58 |
| S72 | 1    | 375/229 and (impulse adj1 response adj1 predictor)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 08:58 |
| S73 | 1686 | equalizer with (impulse adj1 response)                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 08:59 |
| S74 | 360  | equalizer with (impulse adj1 response) with tap\$1                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 08:59 |
| S75 | 360  | equalizer with (impulse adj1 response) with tap\$1                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 09:29 |
| S76 | 1    | equalizer with (impulse adj1 response adj1 predictor) with tap\$1 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 09:00 |
| S77 | 8    | equalizer with (moving adj1 speed)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 09:24 |
| S78 | 45   | equalizer with (channel adj1 response) with tap\$1                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 09:33 |



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|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S79 | 1     | equalizer with (channel adj1 measure\$4) with tap\$1                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 09:33 |
| S80 | 110   | equalizer with (channel adj1 estimat\$3) with tap\$1                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 09:33 |
| S81 | 2     | 375/229 and (impulse adj1 response) and (movi\$3 adj1 speed)                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 10:59 |
| S82 | 0     | 375/232.ccls. and (impulse adj1 response) and (movi\$3 adj1 speed)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 10:59 |
| S83 | 629   | 375/232.ccls. and (impulse adj1 response)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 10:59 |
| S84 | 541   | 375/232.ccls. and (impulse adj1 response) and coefficient\$1                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 11:00 |
| S85 | 92    | 375/232.ccls. and (impulse adj1 response)and (channel adj1 response) and coefficient\$1 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 11:00 |
| S86 | 127   | 375/232.ccls. and (channel adj1 response) and coefficient\$1                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/18 11:00 |
| S87 | 14463 | transfer adj1 path  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/22 15:50 |
| S88 | 131   | (transfer adj1 path) and impulse  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/22 15:50 |

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|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S89 | 26   | (transfer adj1 path) and impulse and equalizer                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/22 16:00 |
| S90 | 1143 | waveform adj1 equalizer   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/22 16:00 |
| S91 | 149  | (waveform adj1 equalizer) with tap\$1                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/22 16:01 |
| S92 | 53   | (waveform adj1 equalizer) with (tap\$1 adj1 coefficient)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/22 16:27 |
| S93 | 16   | (equalizer) with (channel adj1 measure\$5)                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/22 16:29 |
| S94 | 5    | (equalizer) with (transfer adj1 path)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/22 16:33 |
| S95 | 831  | (equalizer) with (transfer adj1 function)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/22 16:33 |
| S96 | 49   | (equalizer) with (transfer adj1 function) with amplitude              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/22 16:34 |
| S97 | 111  | (equalizer) with (transfer adj1 function) with (amplitude or impulse) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/22 16:45 |
| S98 | 10   | "5517213" and impulse   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/22 16:57 |

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|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S99      | 16   | (FF adj1 filter) and (impulse adj1 response)                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/22 16:57 |
| S10<br>0 | 1    | "20010004384" and impulse adj1 response adj1 predictor             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/13 11:34 |
| S10<br>1 | 1    | "20010004384" and detector   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/13 11:37 |
| S10<br>2 | 501  | ((amplitude or impulse) adj detect\$3) and equalizer               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/13 11:38 |
| S10<br>3 | 1    | ((amplitude or impulse) adj detect\$3) and (equalizer adj1 filer)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/13 11:38 |
| S10<br>4 | 0    | ((impulse adj1 response) adj detect\$3) and (equalizer adj1 filer) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/13 11:39 |
| S10<br>5 | 0    | (impulse adj1 response adj detect\$3) and (equalizer adj1 filer)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/13 11:39 |
| S10<br>6 | 0    | (transfer adj1 response adj detect\$3) and (equalizer adj1 filer)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/13 11:41 |
| S11<br>0 | 0    | (transfer adj1 response adj detect\$3) and (equalizer adj1 filter) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/13 11:41 |
| S11<br>1 | 1030 | (equalizer adj1 filter)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/13 11:41 |

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|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S11<br>2 | 1093 | ((equalizer or FF) adj1 filter)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/13 11:41 |
| S11<br>3 | 54   | ((equalizer or FF) adj1 filter) and<br>((impulse or amplitude) adj<br>detect\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/13 11:43 |
| S11<br>4 | 2    | ((equalizer or FF) adj1 filter) and<br>(mov\$3 adj1 speed)                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/13 11:44 |
| S11<br>5 | 656  | (mov\$3 adj1 speed adj1 detect\$)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/13 11:44 |
| S11<br>6 | 69   | (mov\$3 adj1 speed adj1 detect\$)<br>and filter                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/13 11:44 |
| S11<br>7 | 0    | (mov\$3 adj1 speed adj1 detect\$)<br>and (FF adj1 filter)                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/13 11:45 |
| S11<br>8 | 7    | (mov\$3 adj1 speed adj1 detect\$)<br>and equalizer                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/13 16:48 |